

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001123

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E21B43/34 F04F5/54 E21B43/12 F04D31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E21B F04F F04D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 95/07414 A (SARSHAR MIR MAHMOOD ;BHR GROUP LTD (GB)) 16 March 1995 (1995-03-16) cited in the application	1,2,7, 10,12, 18,19, 21,23, 25,28, 30,32, 38,39,41
Y	page 4, line 12 - line 27; figure 3	4,8,9, 15,16, 35,36
Y	GB 2 239 676 A (BHR GROUP LTD) 10 July 1991 (1991-07-10) page 2, line 14 - line 21; figure 2 -/--	4

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

29 June 2004

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Dantinne, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	US 3 590 919 A (TALLEY WILLIAM A JR) 6 July 1971 (1971-07-06) column 3, line 45 -column 4, line 13; figure 2	15,16, 35,36
X	US 6 132 494 A (KJOS TORE ET AL) 17 October 2000 (2000-10-17) column 3, line 20 - line 36; figure 2	1,23
A	US 4 988 389 A (ADAMACHE ION-IONEL ET AL) 29 January 1991 (1991-01-29) column 13, line 44 - line 60; figure 5	1,23
A	WO 02/18746 A (ABB RESEARCH LTD ;BRINGEDAL BJORN OEYVIND (NO); NOEKLEBERG LARS (N) 7 March 2002 (2002-03-07) figure 1	1,23
A	US 2002/139248 A1 (CHOI MICHAEL S ET AL) 3 October 2002 (2002-10-03) paragraphs '0008!,'0009!; figures 2,3	1,23

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Information on patent family members

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